1. Gather materials.

2. Assign roles:

a) Dropper: dropped the whirlybird

b) Timer: timed the drops

c) Data Master: recorded the data

d) Engineer: altered the whirlybird and develop procedure

3. Move to elevated area (ex: stairwell or balcony) with no environmental

disruptions.

4. Roles A and D should stand on the elevated area while Roles B and C should

stand below.

5. Dropper should hold Control whirlybird (\_\_\_\_\_) base at arms length over the

elevation. Be sure to keep the height and dropping style consistent for each

drop.

6. Dropper and Timer should communicate when to drop the whirlybird.

Dropper is going to release the whirlybird. Timer should start timing when

whirlybird is released and stop when whirlybird touches the ground.

7. Data Master should record the drop time in the data table.

8. Repeat steps 5-7 four more times for a total of five trials.

9. The Engineer should alter the whirlybird to whirlybird #1 (\_\_\_\_\_\_). Using

Whirlybird #1, repeat steps 5-7 five times for a total of 5 trials.